

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074107.D
 Acq On : 16 Aug 2022 17:52
 Operator : VA/SY
 Sample : VD0816SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

Quant Time: Aug 16 20:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

08/17/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dadoda
Internal Standards							08/17/2022
1) Pentafluorobenzene	7.973	168	135632	50.000	ug/l	0.00	Supervised By :Mahesh Dadoda
34) 1,4-Difluorobenzene	8.855	114	217740	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.632	117	206587	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.561	152	107589	50.000	ug/l	0.00	
System Monitoring Compounds							08/17/2022
33) 1,2-Dichloroethane-d4	8.320	65	52260	52.063	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.120%	
35) Dibromofluoromethane	7.908	113	66146	47.539	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.080%	
50) Toluene-d8	10.332	98	175754	41.603	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.200%	
62) 4-Bromofluorobenzene	12.620	95	86538	49.606	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.220%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.991	85	27892	23.788	ug/l	98	
3) Chloromethane	2.209	50	34720	24.224	ug/l	94	
4) Vinyl Chloride	2.344	62	50699	25.288	ug/l	96	
5) Bromomethane	2.756	94	34891	21.810	ug/l	91	
6) Chloroethane	2.909	64	40774	24.686	ug/l	94	
7) Trichlorofluoromethane	3.256	101	52230	19.528	ug/l	95	
8) Diethyl Ether	3.709	74	11310	19.012	ug/l	86	
9) 1,1,2-Trichlorotrifluo...	4.085	101	30498	20.853	ug/l	99	
10) Methyl Iodide	4.291	142	27473	20.695	ug/l	96	
11) Tert butyl alcohol	5.226	59	7636	91.988	ug/l #	91	
12) 1,1-Dichloroethene	4.062	96	23818	19.867	ug/l #	74	
13) Acrolein	3.920	56	6547	90.835	ug/l	99	
14) Allyl chloride	4.709	41	31218	19.803	ug/l #	87	
15) Acrylonitrile	5.420	53	26265	110.533	ug/l	99	
16) Acetone	4.162	43	21807	79.640	ug/l	95	
17) Carbon Disulfide	4.403	76	63308	21.002	ug/l	96	
18) Methyl Acetate	4.714	43	14152	23.688	ug/l #	82	
19) Methyl tert-butyl Ether	5.479	73	57514	21.001	ug/l	96	
20) Methylene Chloride	4.956	84	40250	22.291	ug/l	82	
21) trans-1,2-Dichloroethene	5.467	96	27690	20.375	ug/l	93	
22) Diisopropyl ether	6.361	45	71226	20.872	ug/l #	92	
23) Vinyl Acetate	6.303	43	182549	104.399	ug/l #	94	
24) 1,1-Dichloroethane	6.250	63	51025	21.629	ug/l #	95	
25) 2-Butanone	7.203	43	33695	97.195	ug/l #	78	
26) 2,2-Dichloropropane	7.191	77	48388	19.784	ug/l	100	
27) cis-1,2-Dichloroethene	7.203	96	31546	19.693	ug/l	90	
28) Bromochloromethane	7.544	49	18113	20.573	ug/l #	68	
29) Tetrahydrofuran	7.561	42	20041	105.784	ug/l #	83	
30) Chloroform	7.703	83	58842	21.338	ug/l	96	
31) Cyclohexane	7.979	56	39968	20.631	ug/l #	88	
32) 1,1,1-Trichloroethane	7.897	97	55385	21.301	ug/l	95	
36) 1,1-Dichloropropene	8.108	75	39164	20.639	ug/l	93	
37) Ethyl Acetate	7.279	43	14380	19.109	ug/l #	89	
38) Carbon Tetrachloride	8.091	117	45819	20.923	ug/l	98	
39) Methylcyclohexane	9.350	83	41171	19.679	ug/l	91	
40) Benzene	8.344	78	111395	20.775	ug/l	98	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	8828	23.215	ug/l	#	86
42) 1,2-Dichloroethane	8.414	62	36060	22.262	ug/l		94
43) Isopropyl Acetate	8.444	43	29590	21.425	ug/l	#	88
44) Trichloroethene	9.102	130	32747	20.857	ug/l		80
45) 1,2-Dichloropropane	9.379	63	28161	21.681	ug/l		94
46) Dibromomethane	9.467	93	18535	22.512	ug/l		96
47) Bromodichloromethane	9.655	83	46089	21.775	ug/l		98
48) Methyl methacrylate	9.450	41	12992	20.575	ug/l	#	72
49) 1,4-Dioxane	9.461	88	3372	420.991	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.220	43	80863	114.363	ug/l		96
52) Toluene	10.397	92	74617	21.282	ug/l		98
53) t-1,3-Dichloropropene	10.608	75	37087	20.558	ug/l		100
54) cis-1,3-Dichloropropene	10.079	75	42877	20.554	ug/l	#	87
55) 1,1,2-Trichloroethane	10.791	97	24297	22.174	ug/l		94
56) Ethyl methacrylate	10.649	69	23354	20.961	ug/l		89
57) 1,3-Dichloropropane	10.932	76	37722	21.719	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	42995	100.523	ug/l	#	88
59) 2-Hexanone	10.973	43	51956	107.453	ug/l		96
60) Dibromochloromethane	11.126	129	33042	22.302	ug/l		95
61) 1,2-Dibromoethane	11.232	107	23031	21.644	ug/l		95
64) Tetrachloroethene	10.867	164	28098	21.497	ug/l		92
65) Chlorobenzene	11.661	112	82182	20.335	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	34195	21.528	ug/l		95
67) Ethyl Benzene	11.732	91	135772	19.624	ug/l		98
68) m/p-Xylenes	11.843	106	111163	40.019	ug/l		96
69) o-Xylene	12.167	106	50195	19.832	ug/l		92
70) Styrene	12.179	104	87103	19.739	ug/l		99
71) Bromoform	12.343	173	18654	22.415	ug/l	#	95
73) Isopropylbenzene	12.467	105	135062	19.972	ug/l		99
74) N-amyl acetate	12.273	43	28345	21.830	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	27349	22.101	ug/l		97
76) 1,2,3-Trichloropropane	12.761	75	20774m	21.669	ug/l		
77) Bromobenzene	12.749	156	33578	20.562	ug/l		86
78) n-propylbenzene	12.808	91	169909	20.287	ug/l		97
79) 2-Chlorotoluene	12.890	91	94644	19.893	ug/l		92
80) 1,3,5-Trimethylbenzene	12.943	105	117871	20.419	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.514	75	7022	20.427	ug/l	#	91
82) 4-Chlorotoluene	12.990	91	105370	20.904	ug/l		98
83) tert-Butylbenzene	13.208	119	97547	19.092	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	117859	19.865	ug/l		99
85) sec-Butylbenzene	13.385	105	152136	19.382	ug/l		98
86) p-Isopropyltoluene	13.502	119	126813	19.371	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	71569	20.064	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	72025	20.156	ug/l		100
89) n-Butylbenzene	13.826	91	118436	18.884	ug/l		99
90) Hexachloroethane	14.096	117	27013	19.694	ug/l		100
91) 1,2-Dichlorobenzene	13.873	146	63225	19.846	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	4360	20.398	ug/l		89
93) 1,2,4-Trichlorobenzene	15.137	180	33997	16.627	ug/l		100
94) Hexachlorobutadiene	15.243	225	19796	16.160	ug/l		98
95) Naphthalene	15.379	128	61627	17.900	ug/l		98
96) 1,2,3-Trichlorobenzene	15.573	180	31353	17.344	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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